

Fundus Examination and depiction by Johann Nepomuk Oeller and other pioneers

Abstract

After the invention of the ophthalmoscope by the inspired great scientist Hermann von Helmholtz many successor ophthalmologists contributed to better knowledge of the retinal diseases describing and depicting what they saw. We examine this route staying mainly on the pioneers and among them the very gifted Johann Nepomuk Oeller.

We studied a sufficient number of atlases focusing mainly on the great large atlas by Johann Nepomuk Oeller

These atlases except of sources of the knowledge in 19th century are also pieces of art. The pictures match those we have today for many conditions of the retina.

Great physicians and great educators studied the retina and published a number of excellent atlases with fundus images of a great artistic quality. An important example is the fundus atlas by Johann Nepomuk Oeller.

Key words: fundus examination, Johann Nepomuk Oeller, ophthalmoscope, retinal diseases, atlas of ophthalmology.